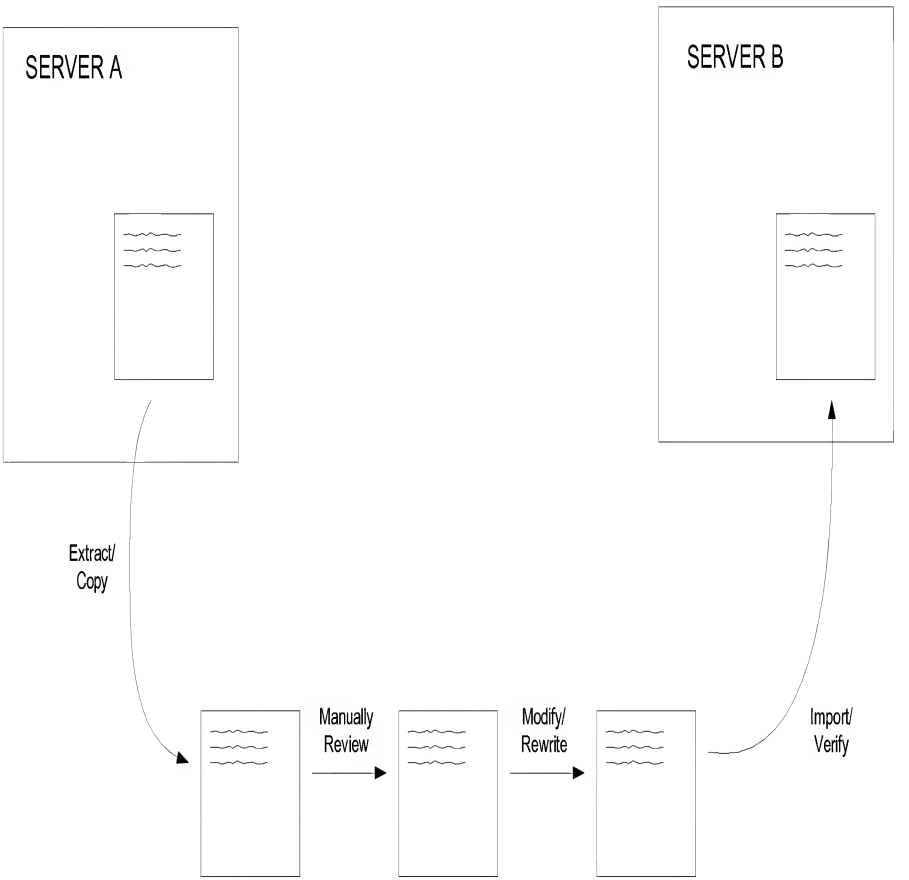
SERVER A
SERVER B
Extract/
Copy
Manually
Review
Modify/
Rewrite
Import/
Verify

FIGURE 1

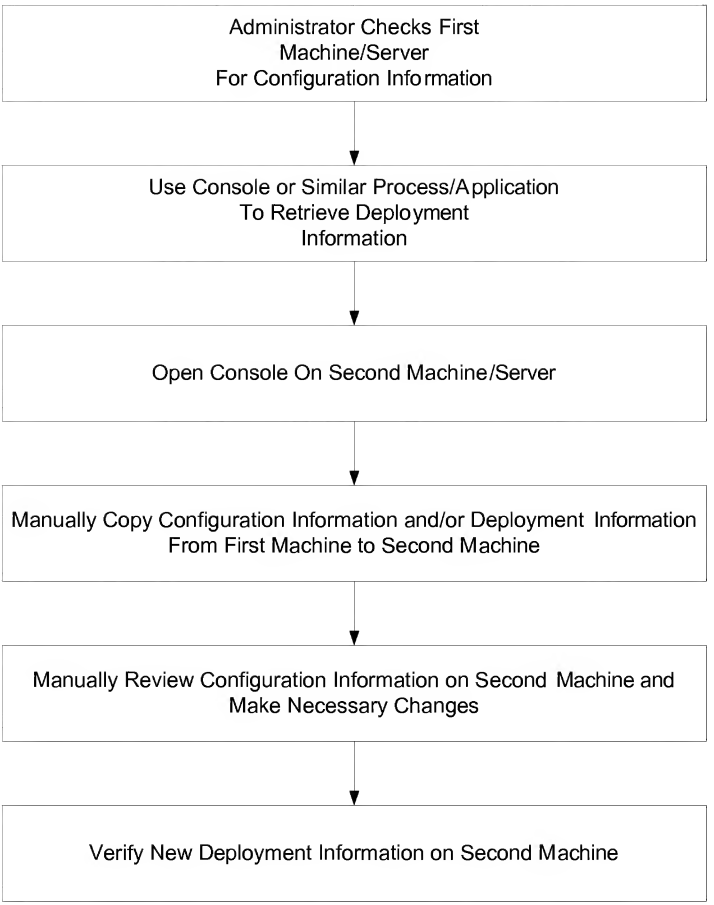
Administrator Checks First Machine/Server For Configuration Information
Use Console or Similar Process/Application To Retrieve Deployment Information
Open Console On Second Machine/Server
Manually Copy Configuration Information and/or Deployment Information From First Machine to Second Machine
Manually Review Configuration Information on Second Machine and Make Necessary Changes
Verify New Deployment Information on Second Machine

FIGURE 2

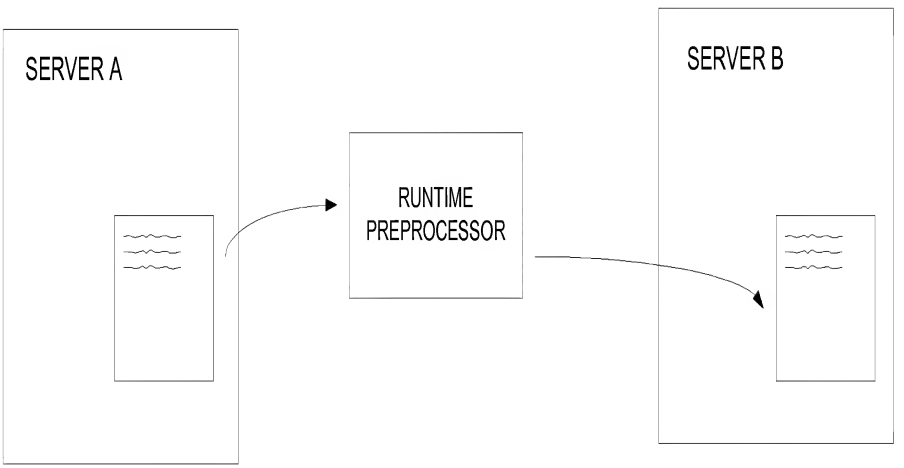

FIGURE 3

Application Side
Server Side
Define Application (EJB) to Depend on One or More Data Sources (DS)
Provide Management APIs Inside Server
Deploy EJB to a (J2EE) Server, e.g. Weblogic, Web sphere, etc.
Define Data Sources (DS) with Respect to Connector Pools, JMS Queues, etc.
Server Makes Connection From Data Source (DS) to JNDI Name (e.g. com.bea.ds.oracle)
Provide/Associate Data Source with a JNDI Name That It Will Be Bound To
Connection is Kept in the Deployed EJB
Associate Data Source With Connection Pool

FIGURE 4

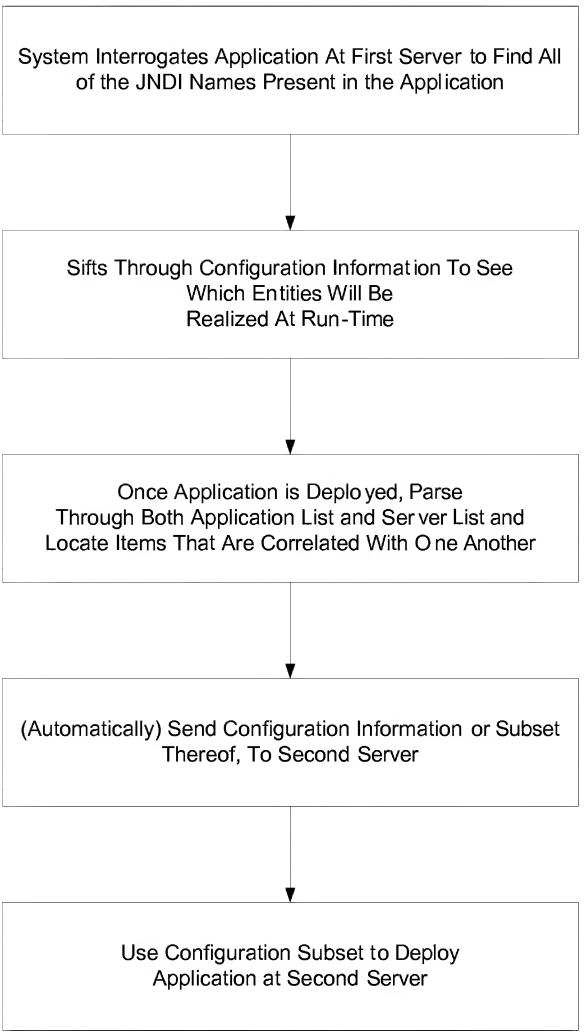
System Interrogates Application At First Server to Find All of the JNDI Names Present in the Application
Sifts Through Configuration Information To See Which Entities Will Be Realized At Run-Time
Once Application is Deployed, Parse Through Both Application List and Server List and Locate Items That Are Correlated With One Another
(Automatically) Send Configuration Information or Subset Thereof, To Second Server
Use Configuration Subset to Deploy Application at Second Server

FIGURE 5